

AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1. (Presently Amended) A motion sensor for detecting motion and providing a control signal, comprising:

at least one infrared transmitter for transmitting an infrared signal to a heat emitting object;

at least one infrared receiver for receiving a ~~reflected~~ signal from said at least one infrared transmitter reflect from the heat emitting object;

~~said at least one infrared transmitter contained in a first housing;~~

~~said at least one infrared receiver contained in a second housing;~~

~~said receiving a reflected signal from said at least one infrared transmitter~~ at least one infrared receiver coupled to at least one control circuit; and

said at least one control circuit controlling at least one output in response to the reflected signal.

2. (Presently Amended) The motion sensor of claim 1 further comprising:

~~means for employing an~~ said at least one infrared transmitter includes a mechanism for an intermittently transmitted infrared signal from said at least one infrared transmitter, ~~for reception of a reflection of said intermittently transmitted infrared signal by said at least one infrared receiver, and for communication of said reflection to said at least one control circuit.~~

3. (Presently Amended) The motion sensor of claim 2 where said sensor ~~means~~ further includes:

~~means for~~ at least one infrared receiver includes a mechanism for detecting an infrared reflection within a predetermined distance from said at least one transmitter.

4. (Presently Amended) The motion sensor of claim 2 where said sensor means further includes:
~~means for illuminating a device by an illumination device for activating said at least one~~
output in response to said at least one infrared receiver receiving a reflected signal.

5. (Presently Amended) The motion sensor of claim 2 where said ~~means~~ sensor further includes:
~~means for initiating a timing device by activating~~ activated by said at least one output.

6. (Presently Amended) The motion sensor of claim 2 where said ~~means~~ sensor further includes:
~~means for a mechanism for changing the status of~~ a device by activating said at least one
output.

7. (Presently Amended) A control keypad configuration, said keypad configuration comprising:
at least one control circuit for controlling at least one output device;
at least one button on said control keypad configuration;
said at least one button including a LED for illuminating the surface of said at least one button;
at least one infrared transmitter located adjacent to said control keypad configuration for reflecting a signal onto a heat emitting object;
at least one infrared receiver for receiving a the reflected signal from the heat emitting object ~~said at least one infrared transmitter;~~
~~said at least one infrared transmitter contained in a first housing;~~
~~said at least one infrared receiver contained in a second housing;~~
~~a receiving mechanism receiving a reflected signal from said at least one infrared transmitter;~~
~~said receiving mechanism~~ said at least one infrared receiver coupled to said at least one control circuit; and

an illumination mechanism illuminating said at least one button upon said receiving ~~a~~ at least one infrared receiver receiving the reflected signal from said at least one infrared transmitter.

8. (Presently Amended) The control keypad assembly of claim 7 further comprising: said at least one infrared transmitter intermittently transmits an ~~a first mechanism employing an intermittently transmitted infrared signal; from said at least one infrared transmitter;~~

~~a second mechanism receiving a reflection of said intermittently transmitted infrared signal by said at least one infrared receiver, and~~

~~a third mechanism communicating said reflection to said at least one control circuit.~~

9. (Presently Amended) The control keypad assembly of claim 8 where said key pad assembly further includes:

said at least one infrared receiver includes a detection mechanism for detecting an infrared reflection within a predetermined distance ~~from said at least one transmitter.~~

10. (Presently Amended) The control keypad assembly of claim 8 where said keypad assembly includes:

said control circuit includes a timing mechanism initiating a timing device ~~by~~ for activating said at least one output.

11. (Presently Amended) The control keypad assembly of claim 8 where said keypad assembly includes:

said control circuit includes a control mechanism changing the status of a device by activating said at least one output.

12. (Presently Amended) A method for detecting the presence of a human body, the method comprising the steps of:

providing at least one infrared transmitter capable of reflecting a signal onto a heat emitting object;

providing at least one infrared receiver for receiving a reflected signal from the heat emitting object from said at least one infrared transmitter;

~~said at least one infrared transmitter contained in a first housing;~~

~~said at least one infrared receiver contained in a second housing;~~

providing at least one control circuit coupled to said at least one infrared receiver;

said detecting the presence of a human body occurring when a reflection from said at least one infrared transmitter is received by said at least one infrared receiver; and

said control circuit coupled to at least one output device for controlling the status of said at least one output device.

13. (Presently Amended) The method of claim 12 further comprises:

employing providing an intermittently transmitted infrared signal from said at least one infrared transmitter;

~~receiving a reflection of said intermittently transmitted infrared signal by said at least one infrared receiver, and communicating said reflection to said at least one control circuit.~~

14. (Presently Amended) The method of claim 13 further comprising:

detecting an infrared reflection within a predetermined distance from said at least one infrared transmitter.

15. (Presently Amended) The method of claim 13 wherein said method further includes:

providing an illumination mechanism; and

illuminating a device by activating said at least one output in response to said at least one infrared receiver receiving a reflected signal.

16. (Presently Amended) The method of claim 13 where said method further includes:
initiating a timing device by activating said at least one output in response to said at least one infrared receiver receiving a reflected signal.

17. (Presently Amended) The method of claim 13 where said method further includes:
changing the status a device by activating said at least one output in response to said at least one infrared receiver receiving a reflected signal.